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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 9227

Mitsuaki OSHIMA et al. : Docket No. 2000_1130

Serial No. 09/662,695 : Group Art Unit 2634

Filed September 15, 2000 : Examiner A. Le **RESPONSE UNDER 37. CFR 1.116**

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EXAMINING GROUP 2634

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
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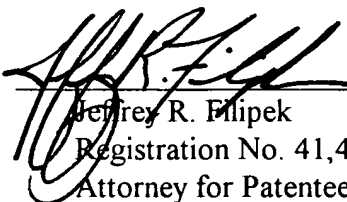
Sir:

Submitted herewith are 13 sheets of formal (8½ x 11) drawings (Figs. 2, 10, 17, 29, 48, 65, 67, 93, 112, 131, 138, 144, and 169) incorporating the changes included in the Letter Re Proposed Drawing Amendments filed concurrently herewith.

Respectfully submitted,

Mitsuaki OSHIMA et al.

By: _____


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May 7, 2003

FIG. 2

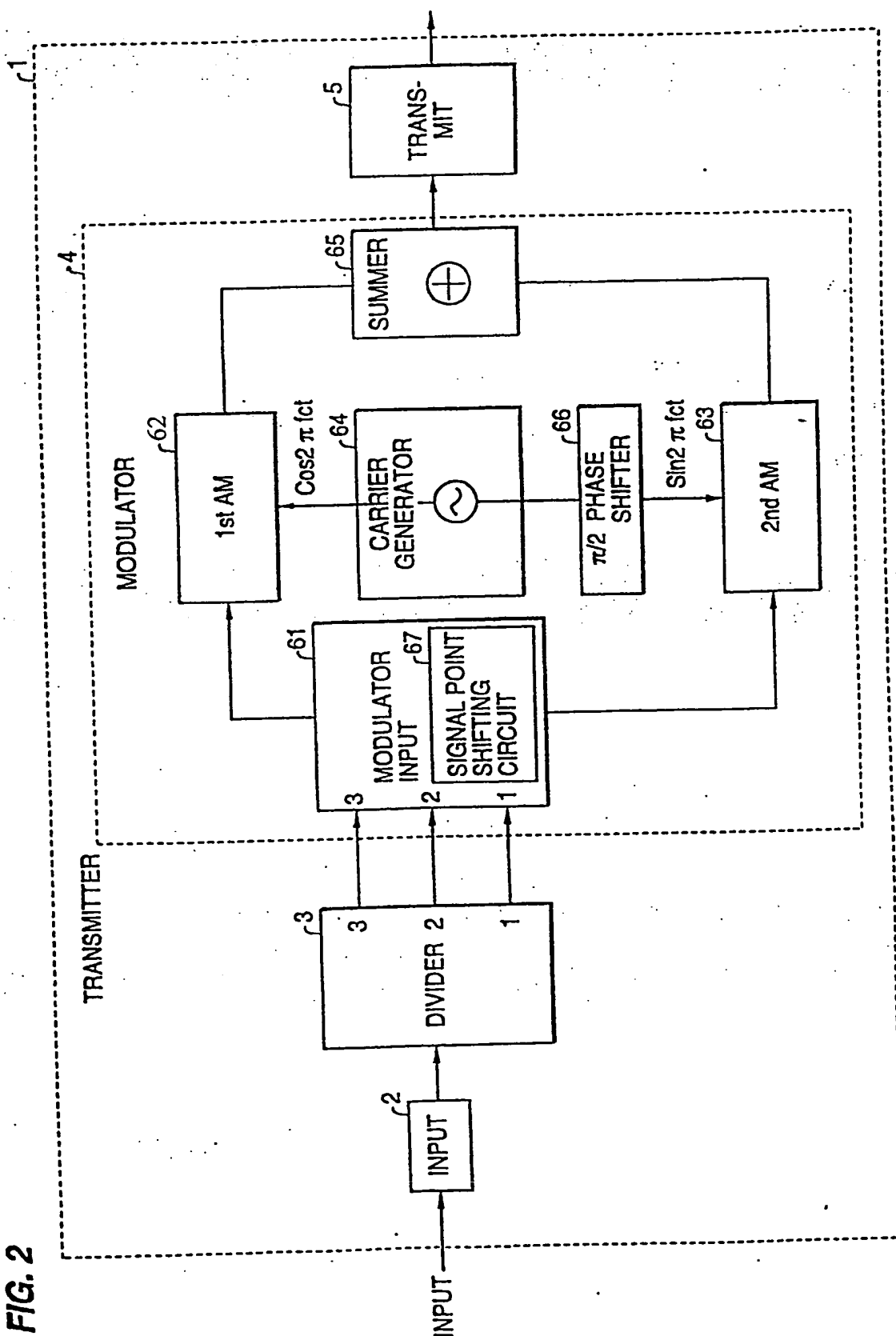


FIG. 10

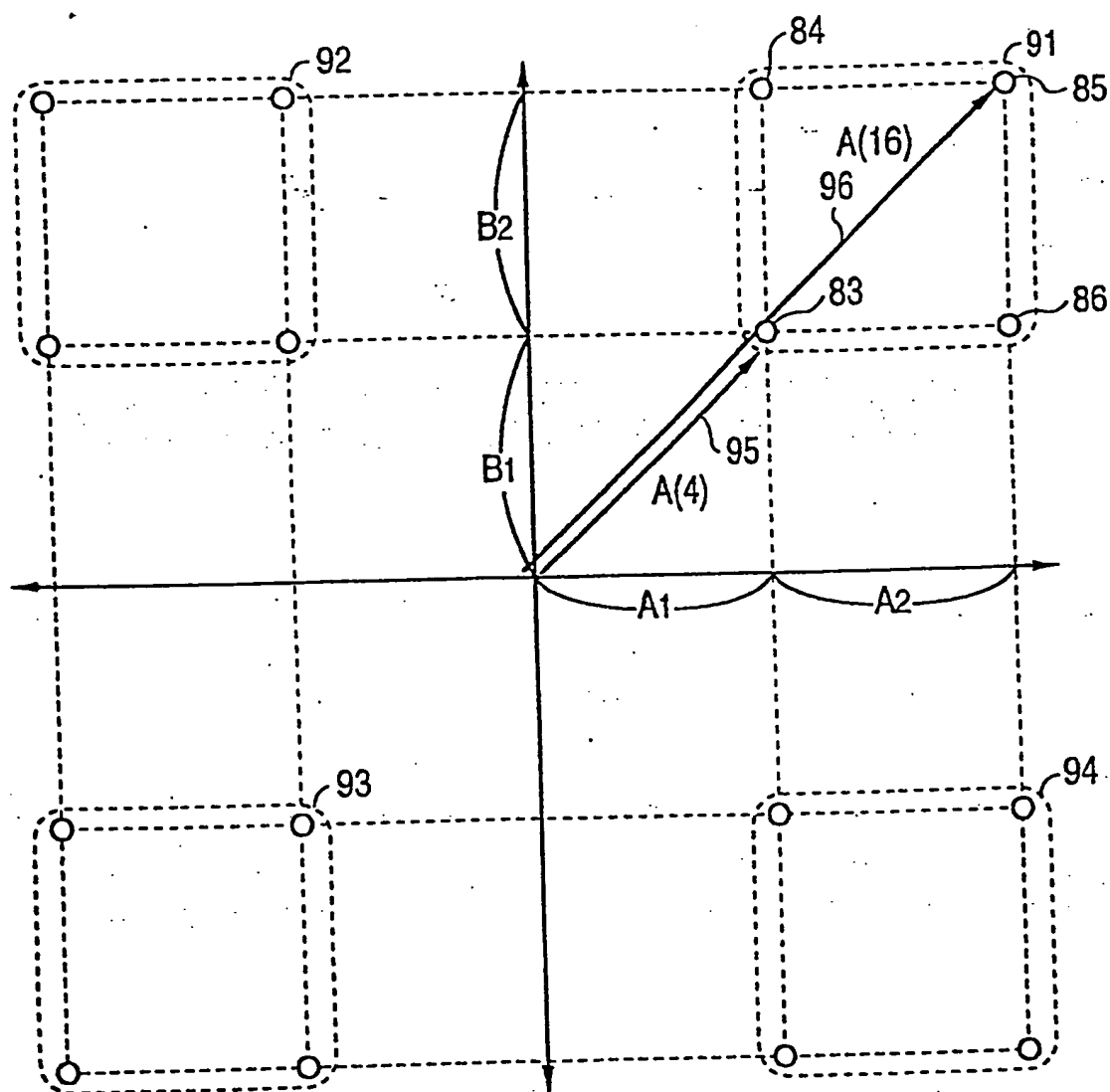


FIG. 17

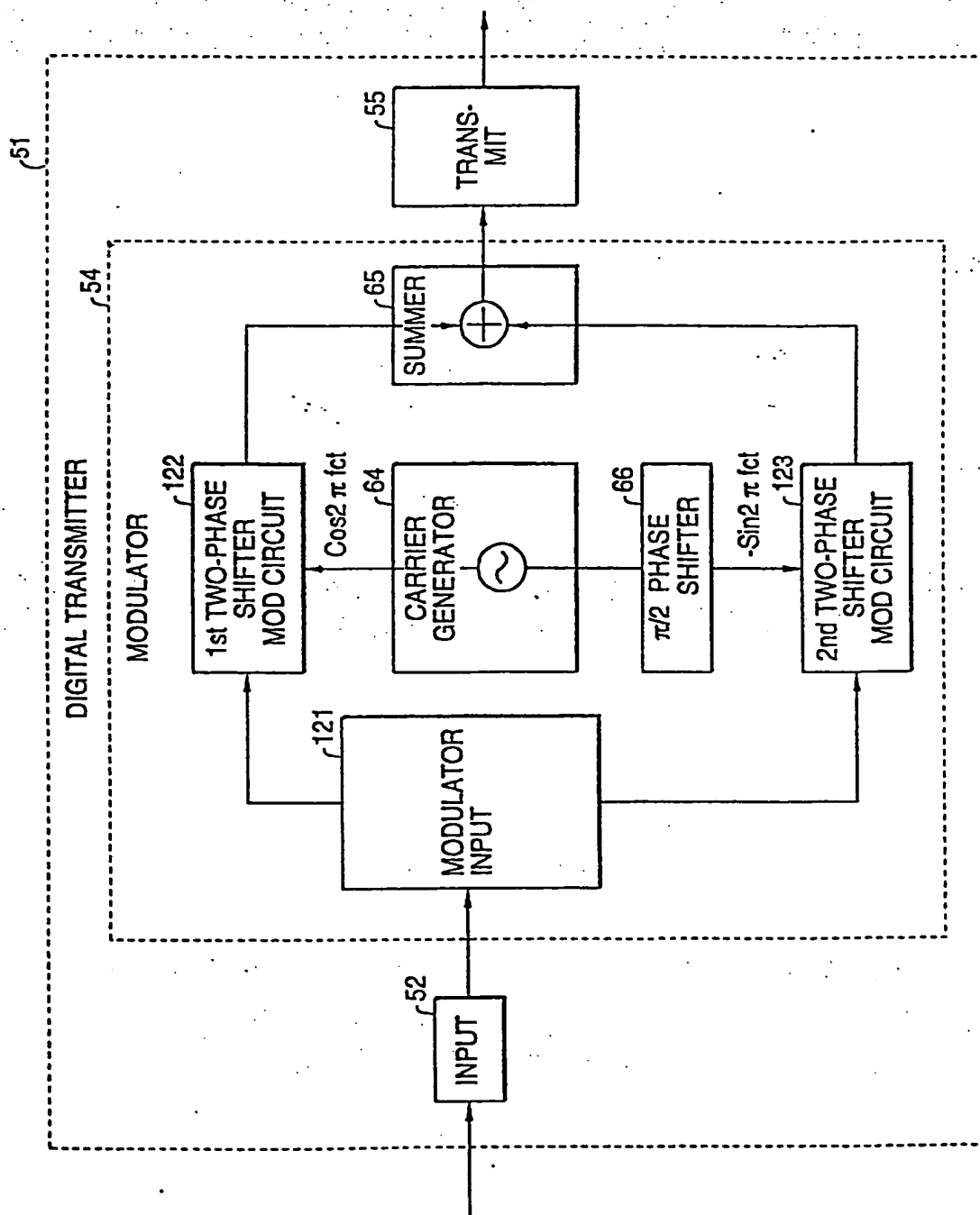


FIG. 29

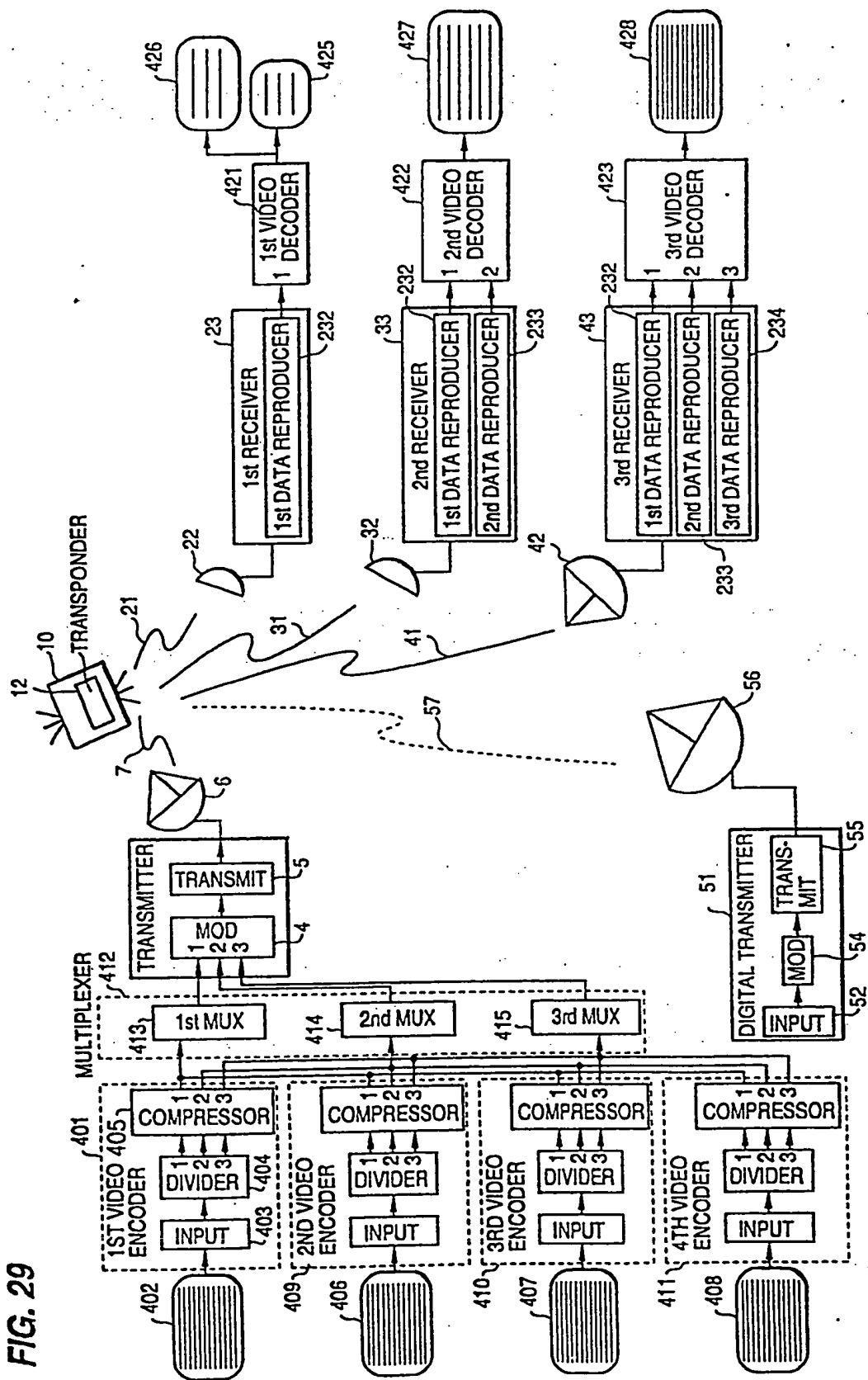


FIG. 48

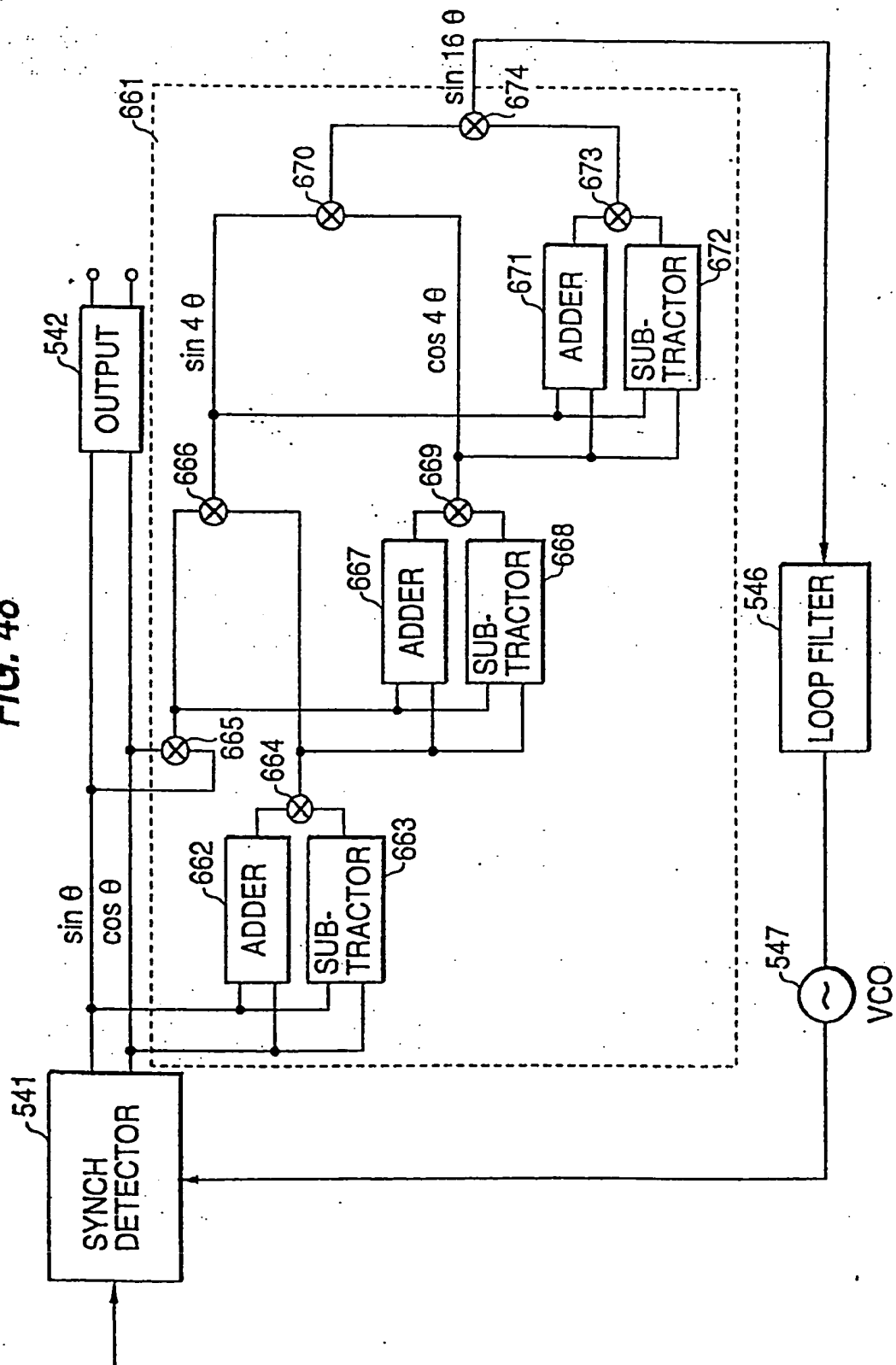
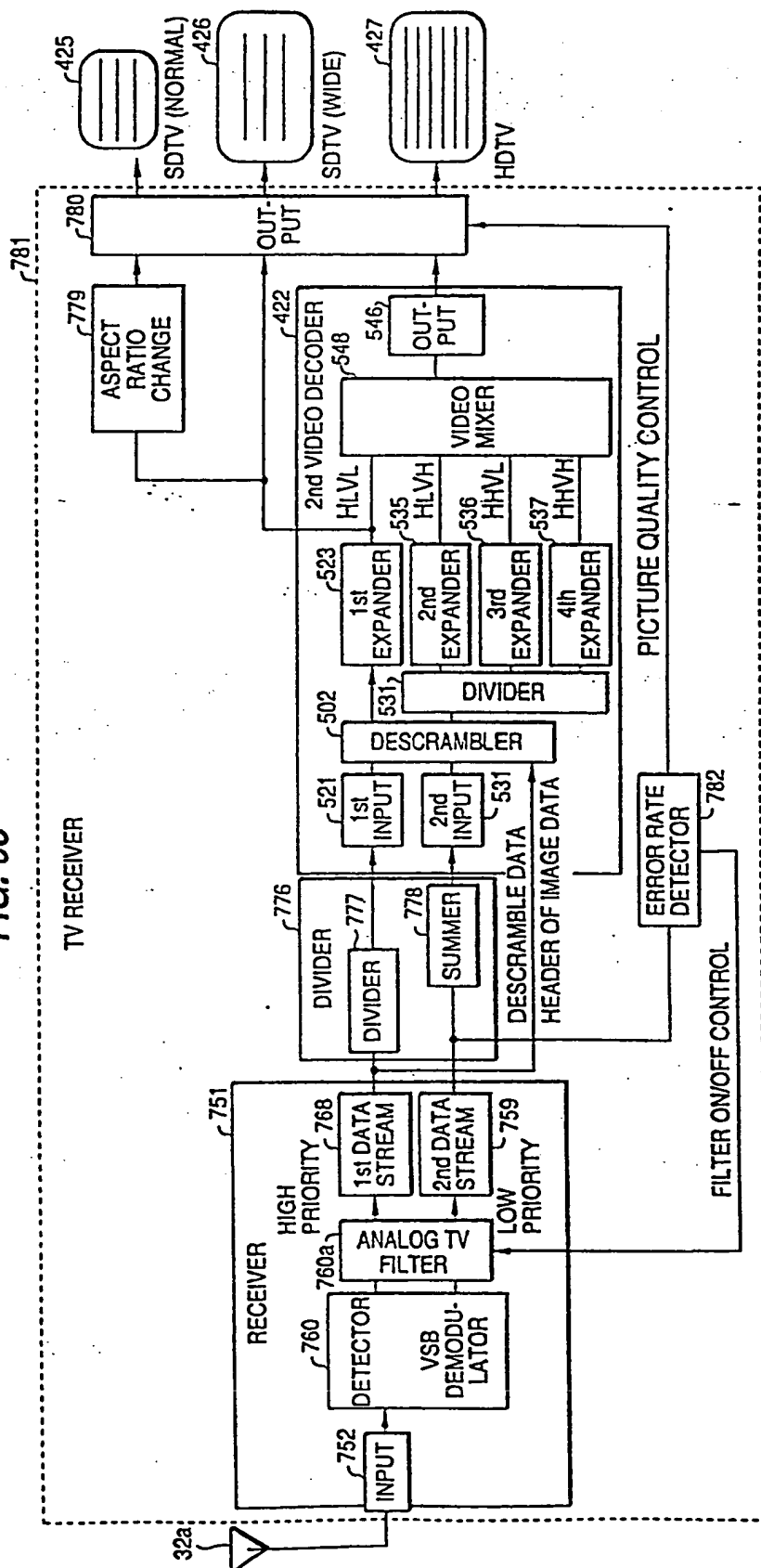


FIG. 65



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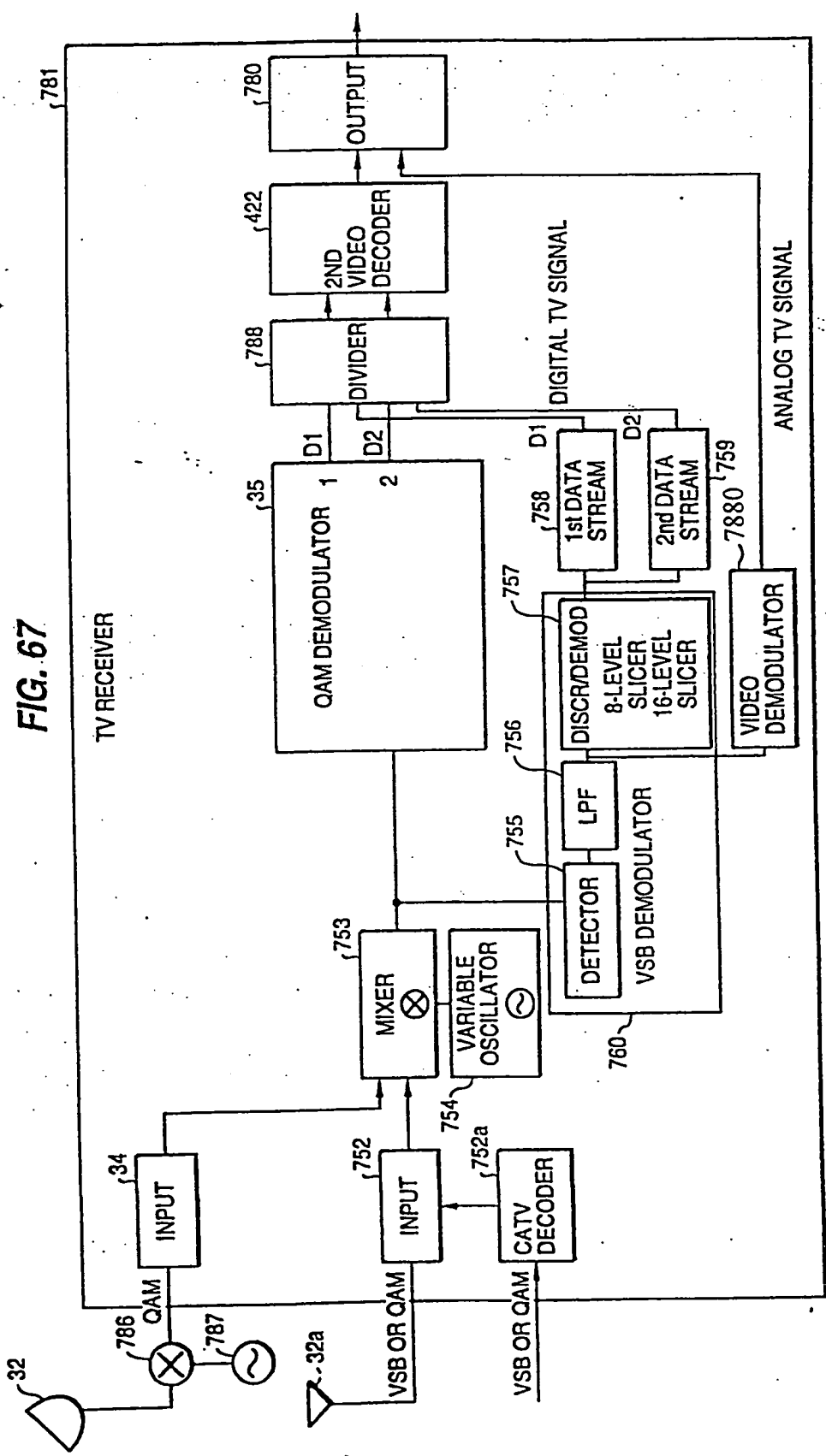


FIG. 93

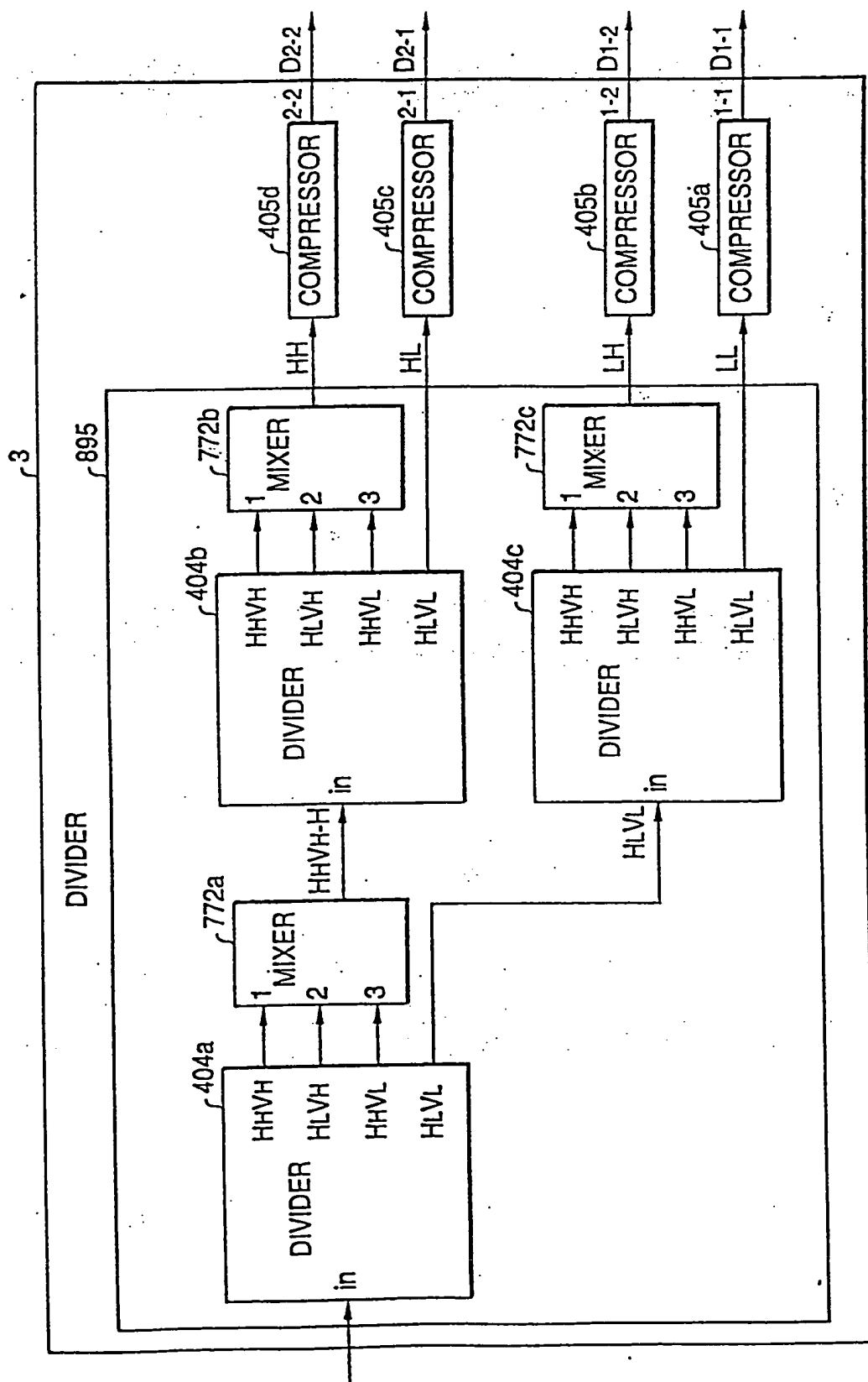
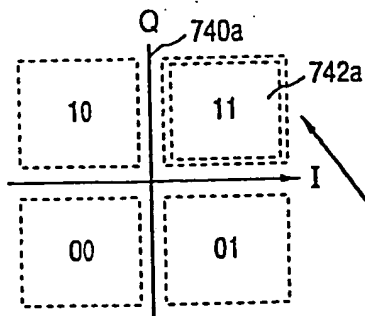
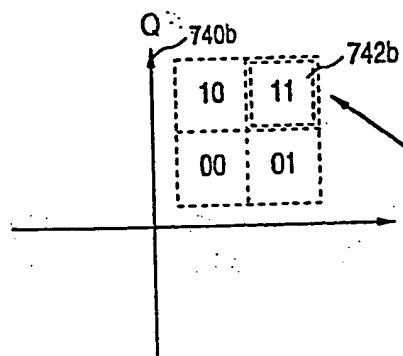


FIG. 112

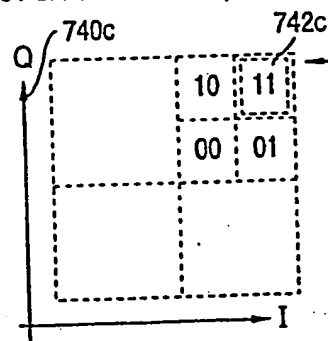
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



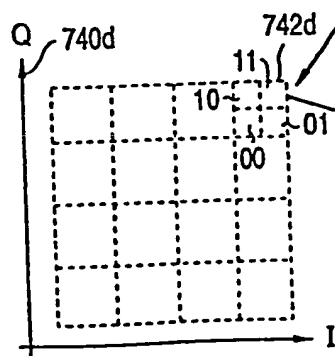
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)

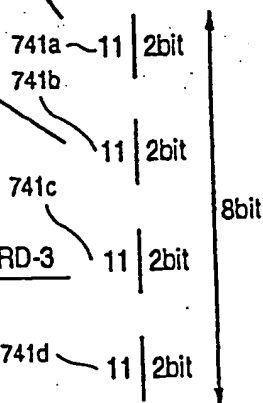


CODE WORD-1

CODE WORD-2

CODE WORD-3

CODE WORD-4



SIGNAL POINT
 CODE WORD
 11 11 11 11

FIG. 131

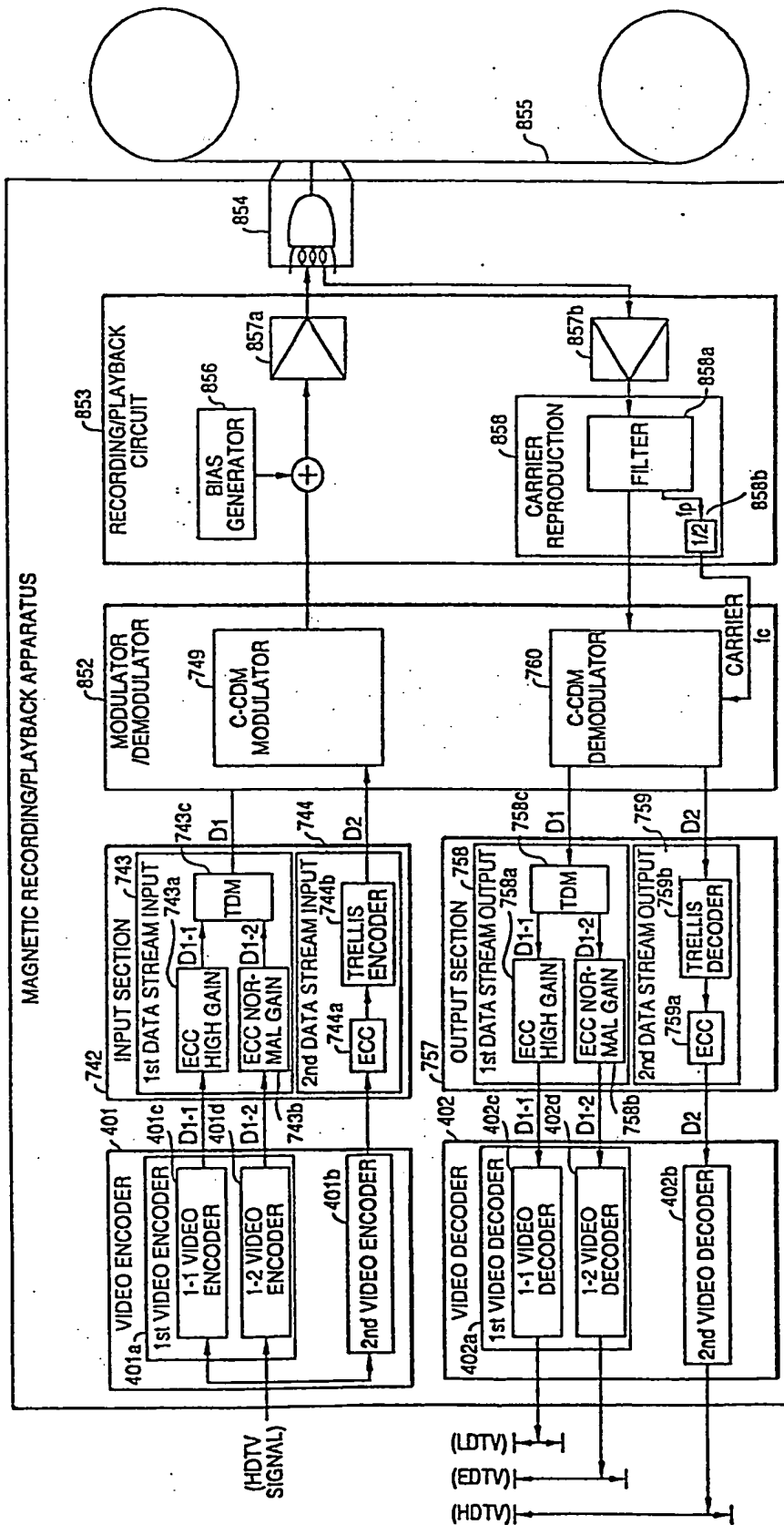


FIG. 138

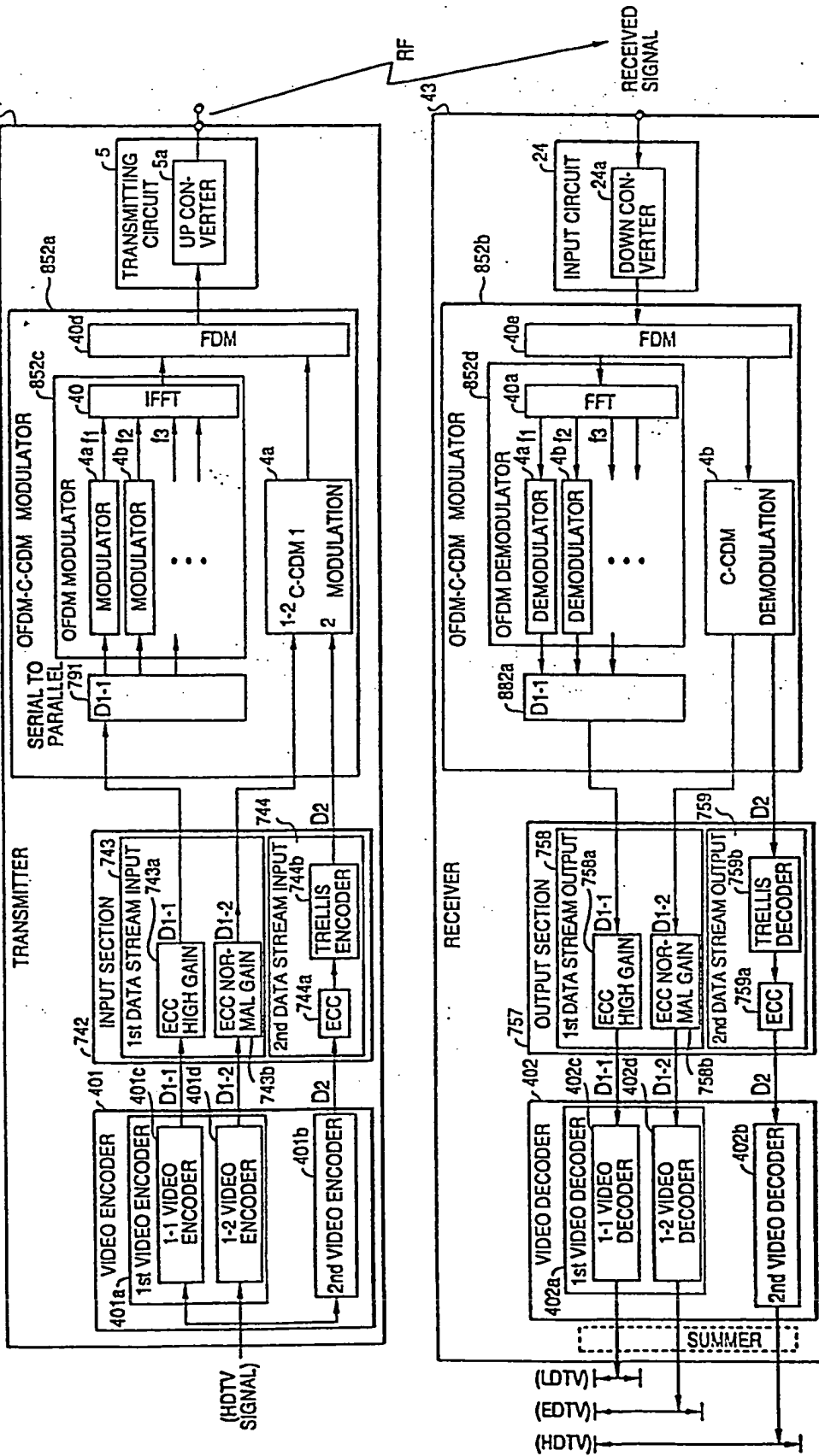
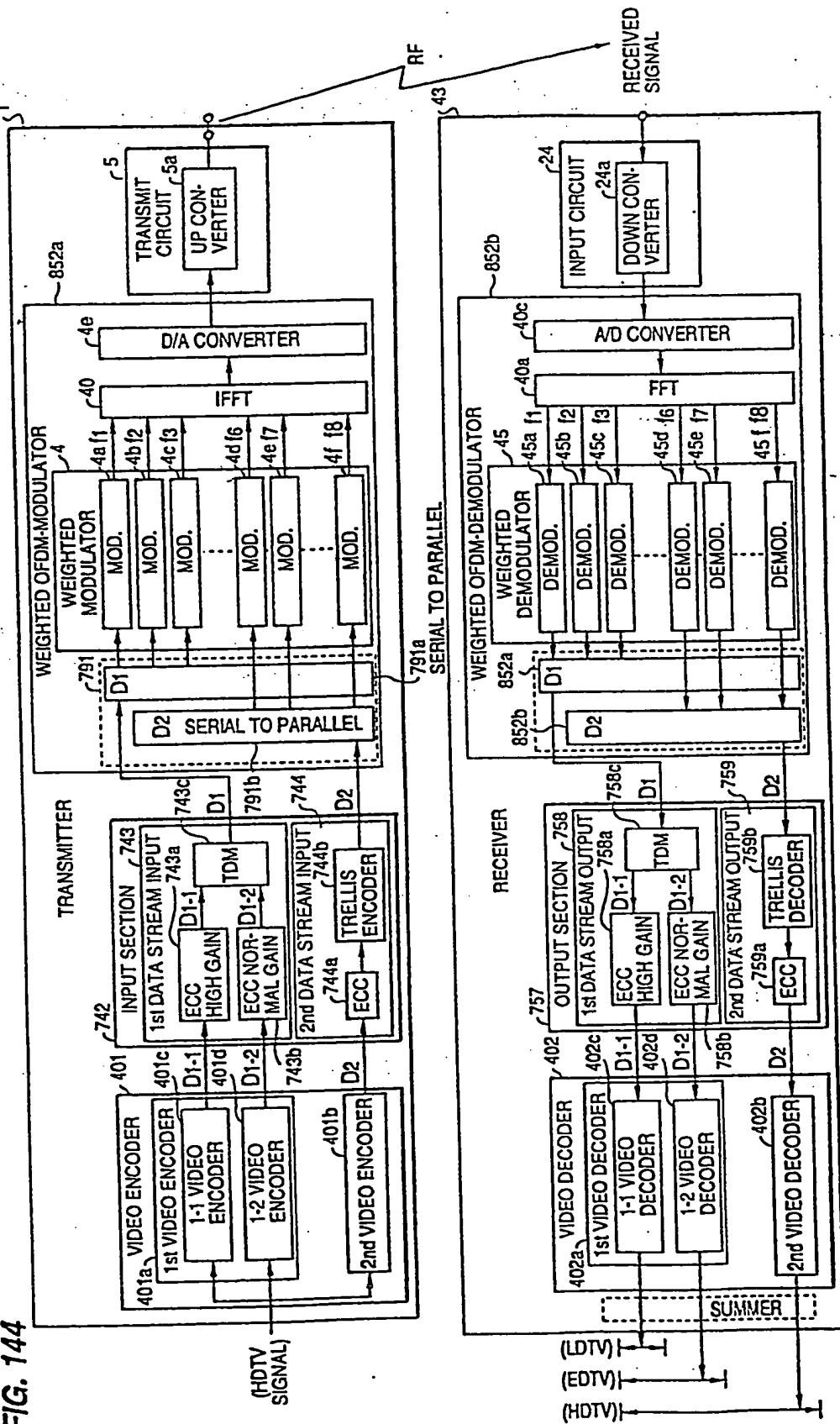


FIG. 144



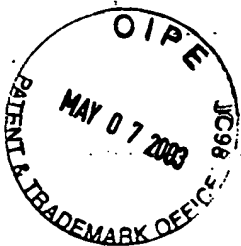


FIG. 169

COMPARISON OF REDUNDANCY

